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(54) **CHIRAL CYCLODECYNES AND METHODS**

(56) **References Cited**

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(58) **Field of Classification Search**
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(57) **ABSTRACT**

Provided herein are cyclodecyne, including chiral cyclodecyne, and methods of making cyclodecyne. The methods may include providing a 1,1'-biaryl compound substituted independently at the 2-position and the 2'-position with a hydroxyl or an amino group; and contacting the 1,1'-biaryl compound with a protected but-2-yne-1,4-diol to form the cyclodecyne.

9 Claims, 10 Drawing Sheets